

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/BE2005/000017

A. CLASSIFICATION OF SUBJECT MATTER  
G01N33/50 G01N33/573

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/61907 A (IMP COLLEGE INNOVATIONS LTD ;HANSEL TREVOR THOMAS (GB); LECKIE MAR) 2 December 1999 (1999-12-02) cited in the application abstract; claims	1-9, 11-14
A	BENBAREK H ET AL: "Cytotoxicity of stimulated equine neutrophils on equine endothelial cells in culture" EQUINE VETERINARY JOURNAL, vol. 32, no. 4, July 2000 (2000-07), pages 327-333, XP009029472 ISSN: 0425-1644 abstract	1-9, 11-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

20 April 2005

Date of mailing of the international search report

09.12.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

GONCALVES MAUGER, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>GERARD M P ET AL: "The characteristics of intestinal injury peripheral to strangulating obstruction lesions in the equine small intestine" EQUINE VETERINARY JOURNAL, vol. 31, no. 4, July 1999 (1999-07), pages 331-335, XP009029493 ISSN: 0425-1644 page 332</p>	1-9, 11-14
A	<p>GRULKE S ET AL: "Plasma myeloperoxidase level and polymorphonuclear leukocyte activation in horses suffering from large intestinal obstruction requiring surgery: Preliminary results" CANADIAN JOURNAL OF VETERINARY RESEARCH, vol. 63, no. 2, April 1999 (1999-04), pages 142-147, XP009029490 ISSN: 0830-9000 cited in the application abstract</p>	1-9, 11-14
A	<p>MCCONNICO REBECCA S ET AL: "Myeloperoxidase activity of the large intestine in an equine model of acute colitis" AMERICAN JOURNAL OF VETERINARY RESEARCH, vol. 60, no. 7, July 1999 (1999-07), pages 807-813, XP009029491 ISSN: 0002-9645 cited in the application page 808</p>	1-9, 11-14
A	<p>MOORE RUSTIN M ET AL: "Neutrophil accumulation in the large colon of horses during low-low ischemia and reperfusion" AMERICAN JOURNAL OF VETERINARY RESEARCH, vol. 55, no. 10, 1994, pages 1454-1463, XP009029492 ISSN: 0002-9645 page 1457 - page 1458</p>	1-9, 11-14
A	<p>MATHY-HARTERT MARIANNE ET AL: "Purification of myeloperoxidase from equine polymorphonuclear leucocytes" CANADIAN JOURNAL OF VETERINARY RESEARCH, vol. 62, no. 2, April 1998 (1998-04), pages 127-132, XP009029489 ISSN: 0830-9000 page 128 - page 129</p>	1-9, 11-14
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International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/50550 A (BOLLEN ALEX ; DUCOBU JEAN (BE); HENOGEN S A (BE); CARPENTIER YVON ( ) 27 June 2002 (2002-06-27) cited in the application abstract; claims -----	1-9, 11-14
A	DEBY-DUPONT G ET AL: "Equine neutrophil myeloperoxidase in plasma: Design of a radio-immunoassay and first results in septic pathologies" VETERINARY IMMUNOLOGY AND IMMUNOPATHOLOGY, vol. 66, no. 3-4, 11 December 1998 (1998-12-11), pages 257-271, XP002277381 ISSN: 0165-2427 cited in the application page 259 - page 261 -----	1-9, 11-14

## INTERNATIONAL SEARCH REPORT

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9, 11-14

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9, 11-14

Methods and kits for the measurement of neutrophil cell activation or for the screening of myeloperoxidase inhibitors through the accurate detection of only active or total (active and inactive) myeloperoxidase levels.

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2. claim: 10

The use of nitrite to enhance the enzymatic determination of a peroxidase.

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## Information on patent family members

International Application No

PCT/BE2005/000017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9961907	A	02-12-1999	NONE	
WO 0250550	A	27-06-2002	AU BE	3329102 A 1013881 A6
				01-07-2002 05-11-2002